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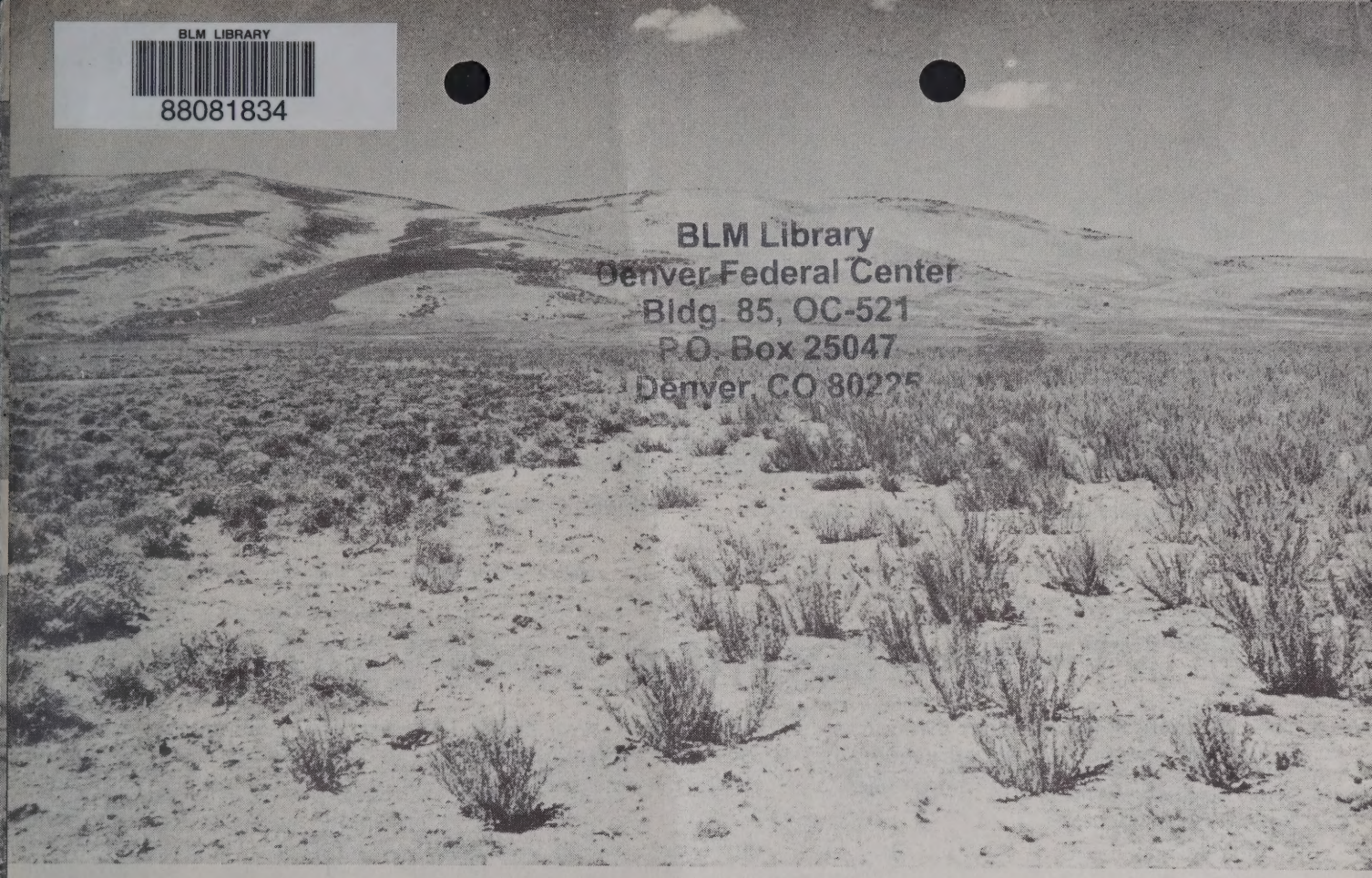
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Halogeton quickly invades rangelands damaged by fire, erosion, or overuse.

HALOGETON

AN INTRODUCED POISONOUS WEED THAT IS BECOMING A SERIOUS PROBLEM ON WESTERN RANGELAND

Here is a picture story of how halogeton spreads across rangeland in the West...and of control measures undertaken by the Bureau of Land Management on public lands. It is intended to assist range users and others in becoming familiar with the appearance and behavior of halogeton on the range. Halogeton seems to thrive on all soil types and adjusts its size to the available moisture and growing space. On denuded soils having good moisture it may grow into a bush like the largest tumbleweeds. When invading native vegetation it may occur as a single shoot a few inches tall. It cannot invade a full stand of perennial grass and this weakness provides a point of attack for control measures.

Copies sent to Districts 8/16/60 jmh

Bureau of Land Management
DEPARTMENT OF THE INTERIOR

Halogeton rapidly takes over burned rangeland.

Traffic spreads its seeds long distances on highway

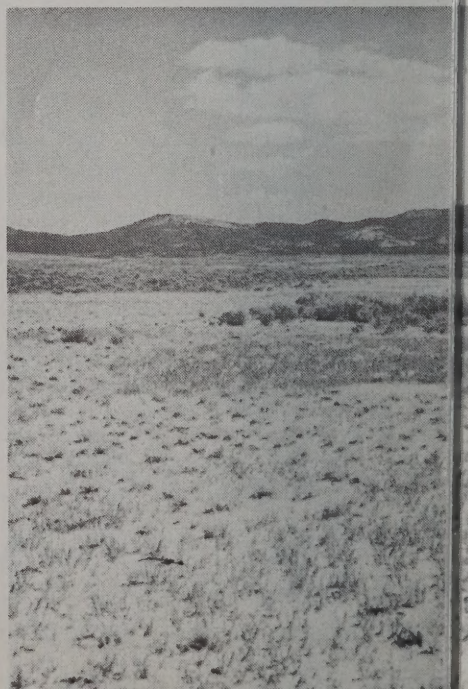
CONTROL REQUIRES COOPERATION

Adequate halogeton control requires combined efforts of all interested weed-control agencies, landowners, and range users.

The Bureau of Land Management expects to cooperate with all of these groups in carrying out an effective control program.

From roads, halogeton moves out into native plant cover.

And "poisons" white sage flats,



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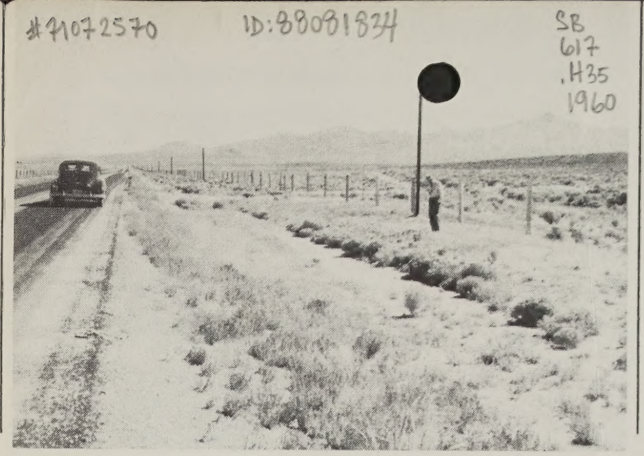
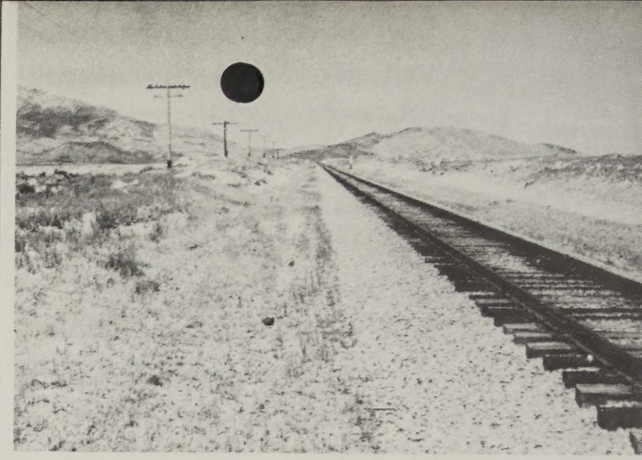


It grows where native vegetation has been removed.



And it quickly moves along railway rights of way.

Halogeton flourishes along little-used range roads.

And it has completely taken over abandoned roadways.

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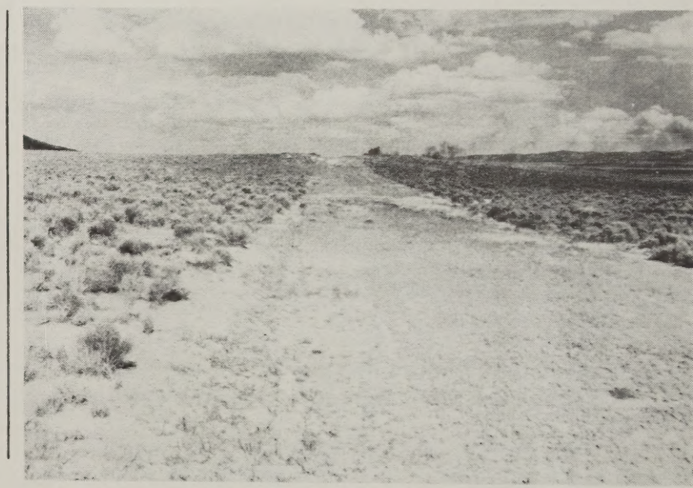
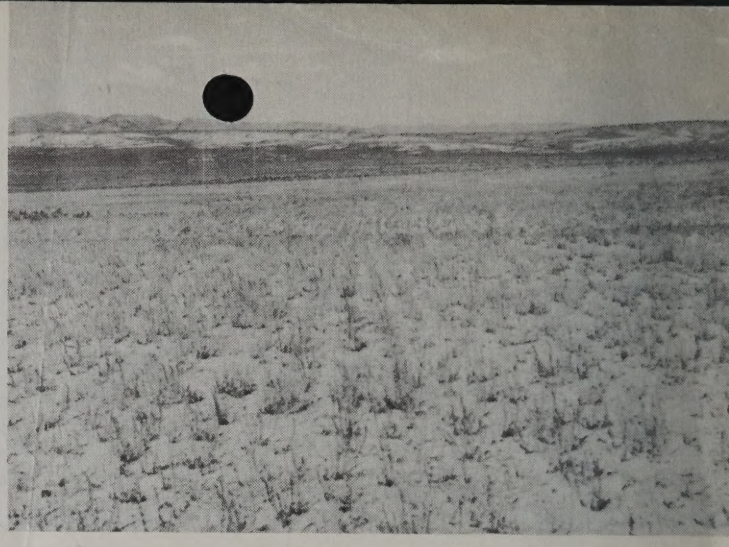
From roads, halogeton moves out into native plant cover.

And "poisons" white sage flats, valued as winter forage for sheep.



But encounters some competition from pepper grass, another annual.

A test strip of perennial grass, though closely grazed, excludes halogeton.



A large control reseeding on public lands may look like this the first year.

Range Reseeding

is the most important and practical method known of controlling halogeton.

But two years later, as the grass becomes better established, halogeton begins to disappear.

And ultimately, the poisonous weed gives way when grass fully occupies the site.

Denver, Colorado
AUG 1 - 1960